

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077924.D
 Acq On : 26 May 2023 13:53
 Operator : JC\MD
 Sample : 02924-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-002-003-1

Quant Time: May 29 00:28:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

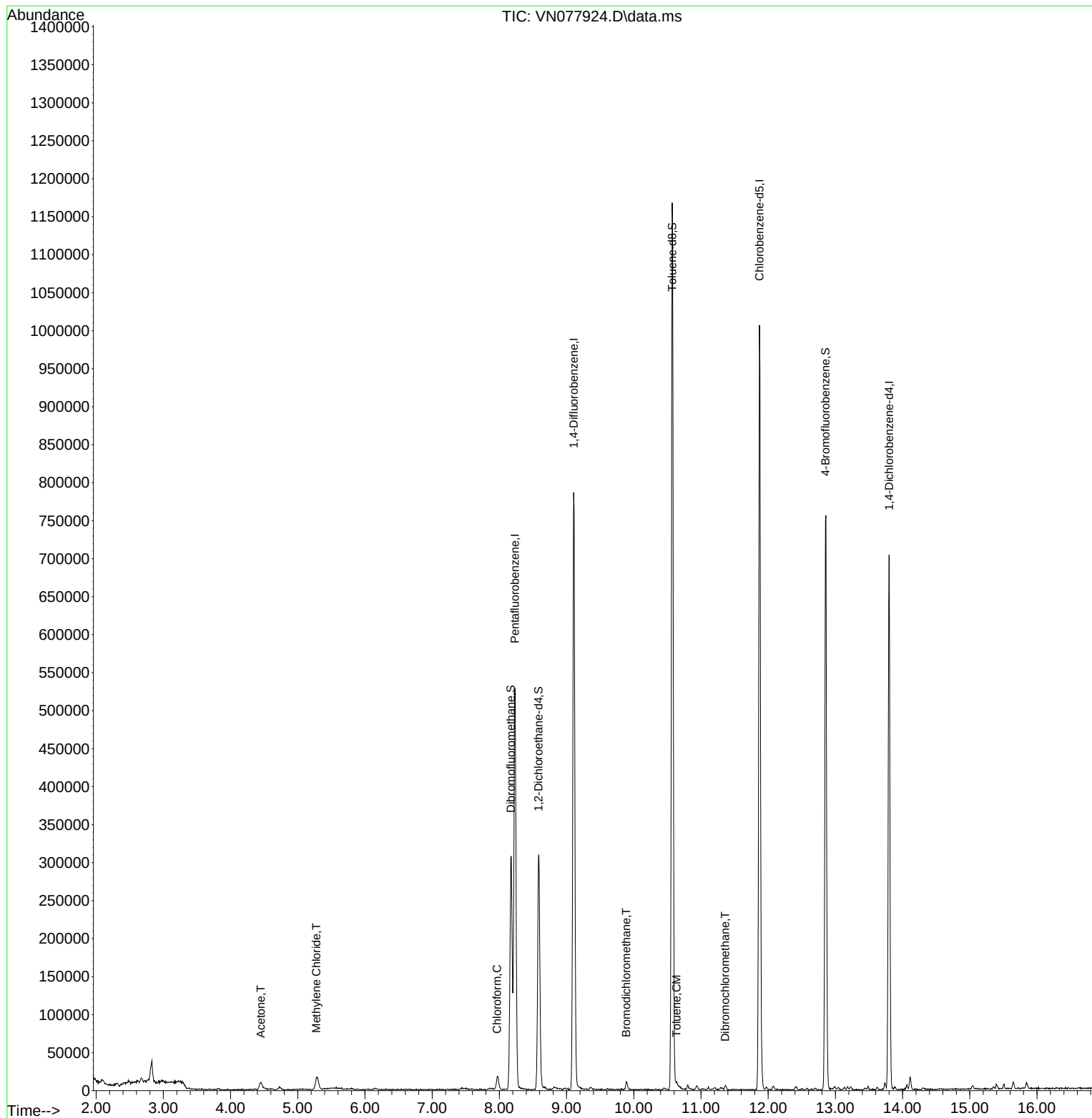
Internal Standards						
1) Pentafluorobenzene	8.230	168	383534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	598481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	188263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264601	46.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.220%		
35) Dibromofluoromethane	8.171	113	223329	48.682	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	10.571	98	849242	48.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.853	95	278572	44.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.340%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	18499	10.246	ug/l	98
20) Methylene Chloride	5.277	84	13364	0.904	ug/l #	85
30) Chloroform	7.965	83	17910	1.913	ug/l	88
47) Bromodichloromethane	9.888	83	7500	1.084	ug/l #	98
52) Toluene	10.635	92	2610	0.212	ug/l	98
60) Dibromochloromethane	11.359	129	3737	0.740	ug/l	86

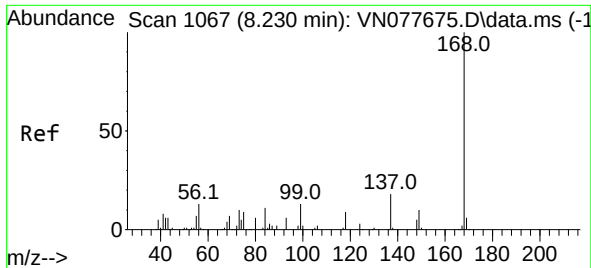
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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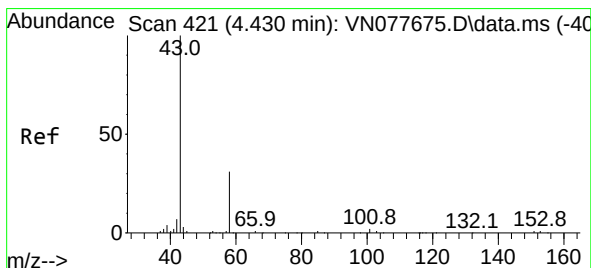
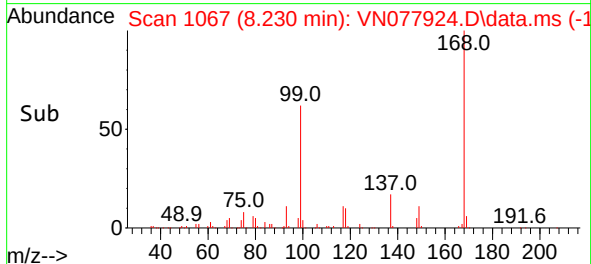
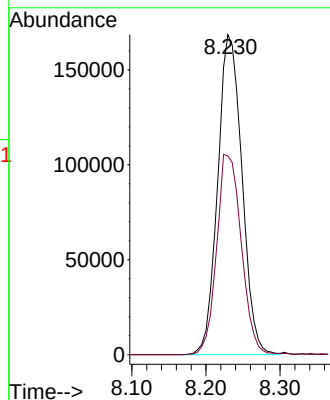
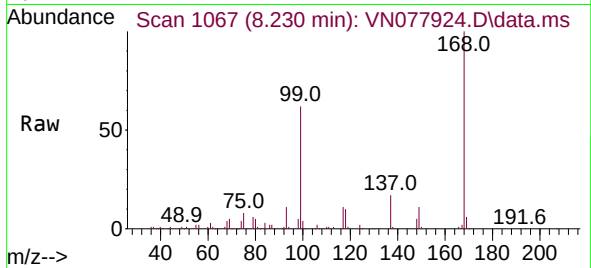




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

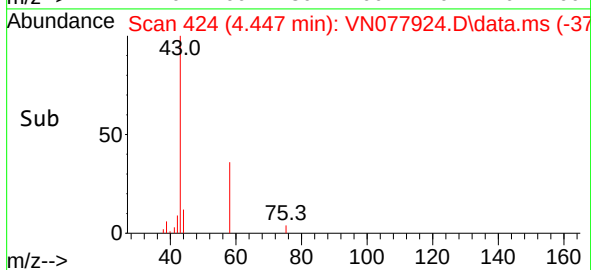
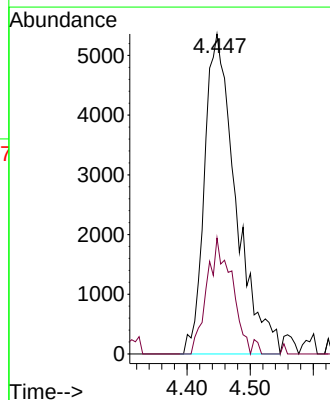
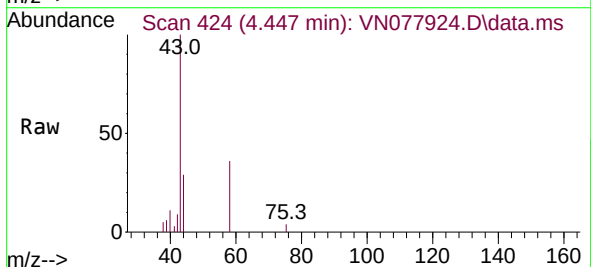
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

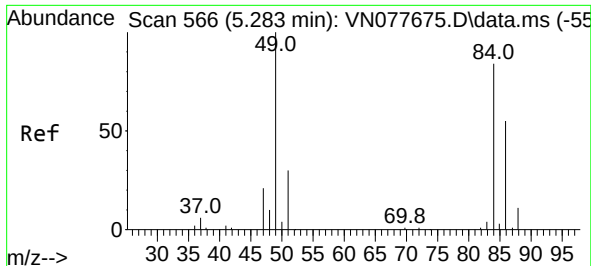
Tgt Ion:168 Resp: 383534
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 10.246 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0

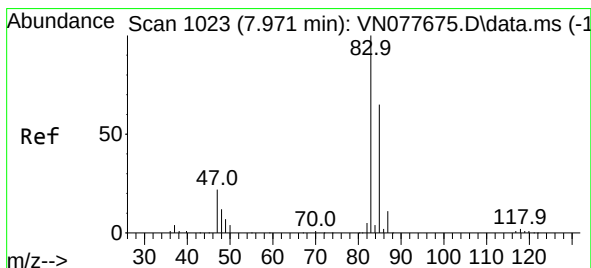
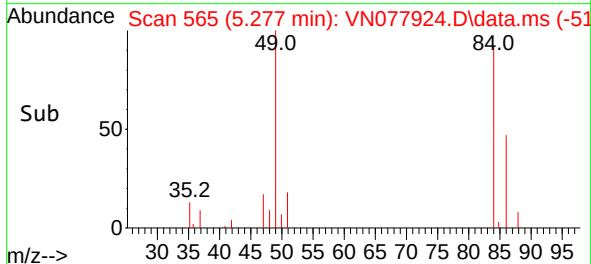
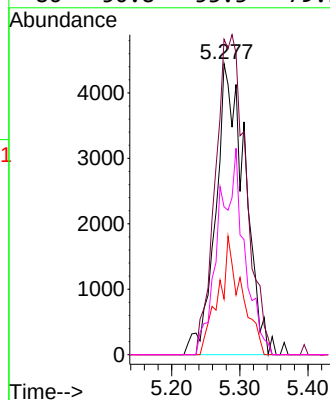
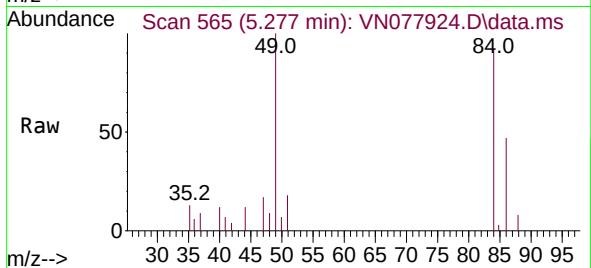




#20
Methylene Chloride
Concen: 0.904 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

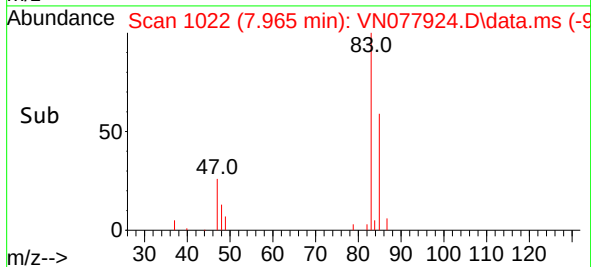
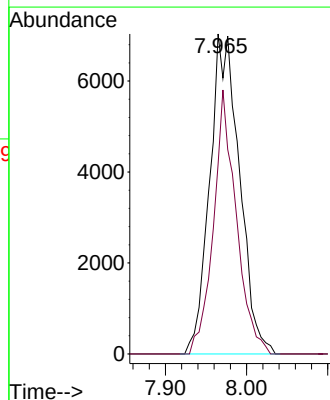
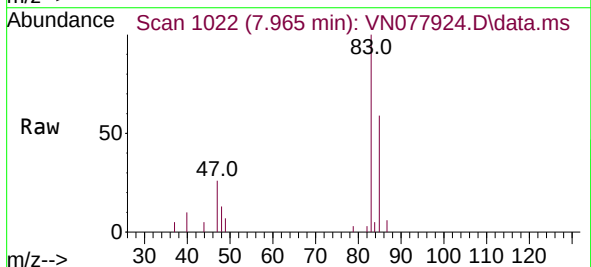
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

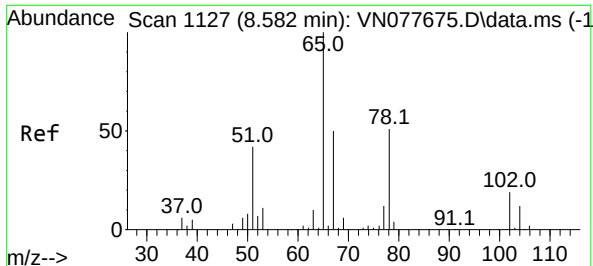
Tgt Ion:	84	Resp:	13364
Ion	Ratio	Lower	Upper
84	100		
49	108.4	79.7	119.5
51	19.2	25.2	37.8#
86	50.8	53.3	79.9#



#30
Chloroform
Concen: 1.913 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion:	83	Resp:	17910
Ion	Ratio	Lower	Upper
83	100		
85	59.4	55.4	83.0





#33

1,2-Dichloroethane-d4

Concen: 46.109 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

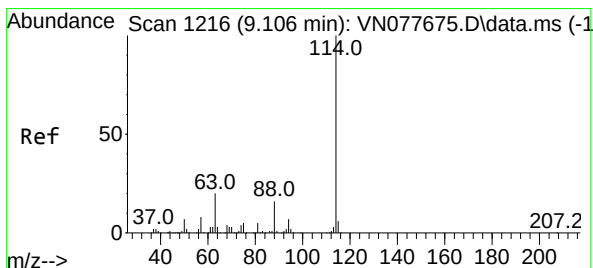
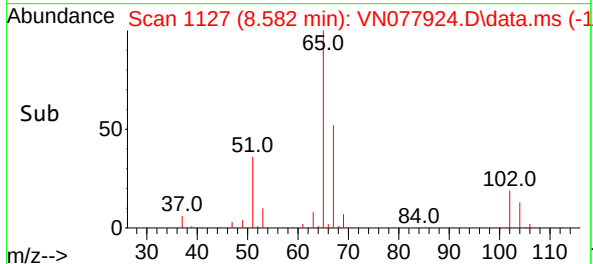
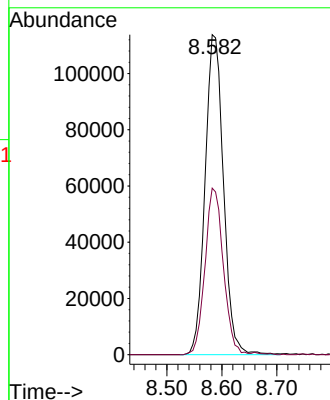
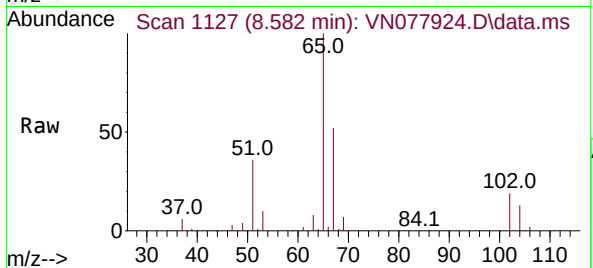
001-002-003-1

Tgt Ion: 65 Resp: 264601

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

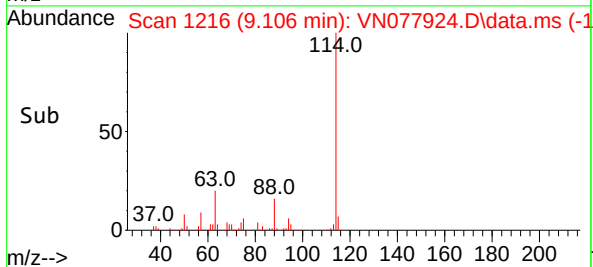
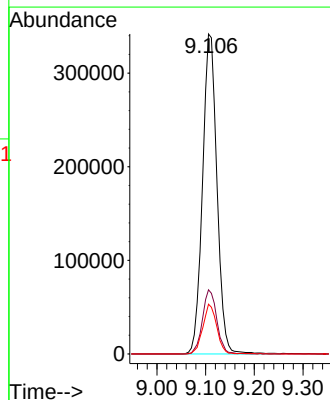
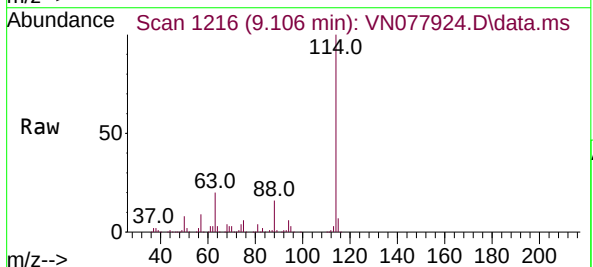
Tgt Ion: 114 Resp: 703511

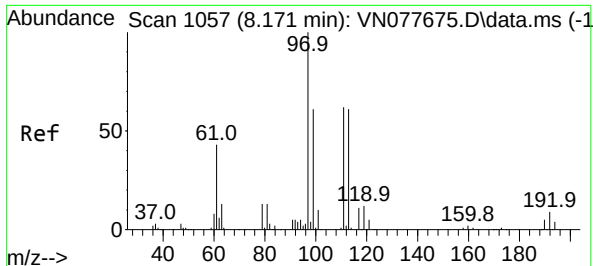
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

001-002-003-1

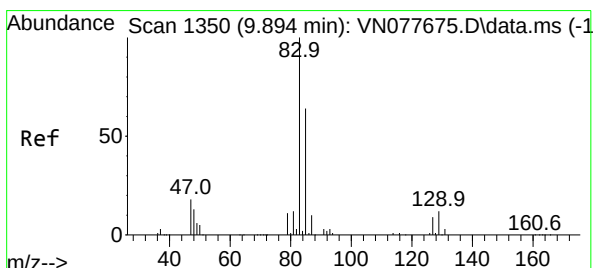
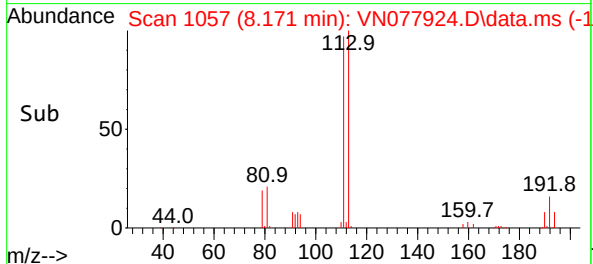
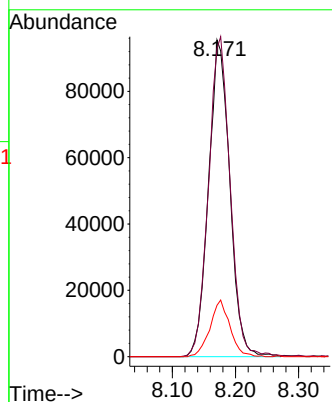
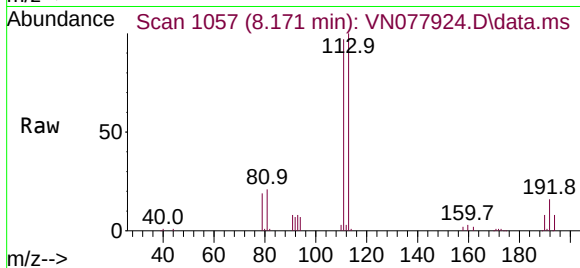
Tgt Ion:113 Resp: 223329

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.8 12.7 19.1



#47

Bromodichloromethane

Concen: 1.084 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN077924.D

Acq: 26 May 2023 13:53

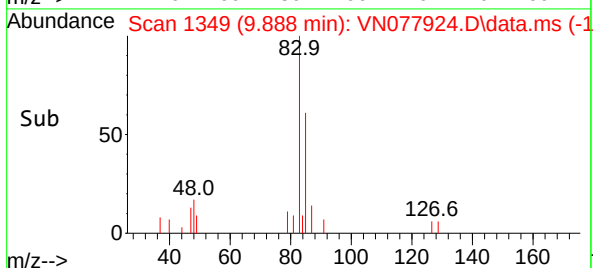
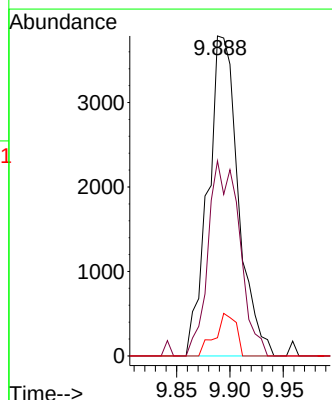
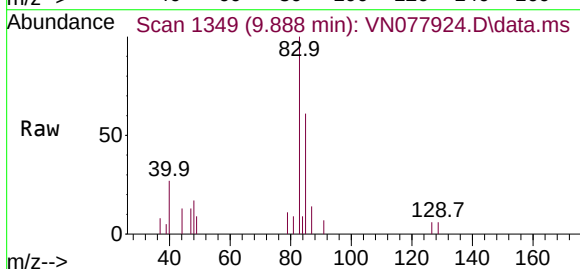
Tgt Ion: 83 Resp: 7500

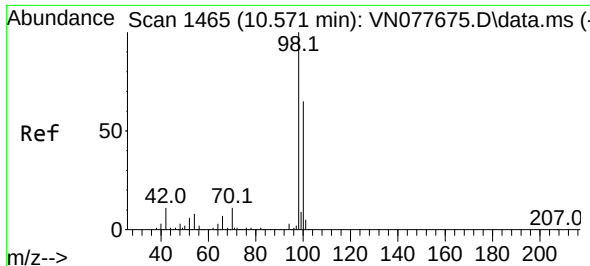
Ion Ratio Lower Upper

83 100

85 61.0 49.6 74.4

127 5.7 7.0 10.6#

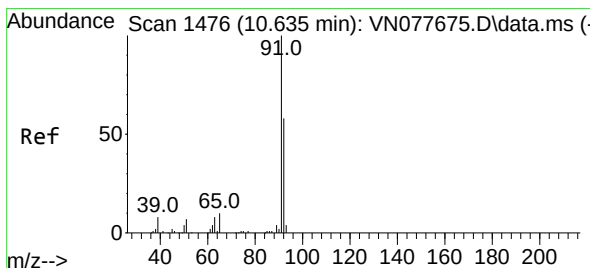
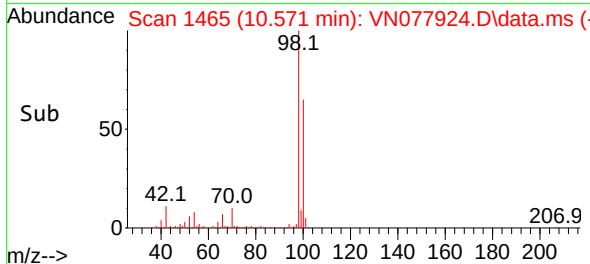
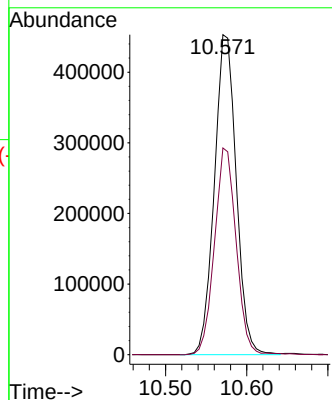
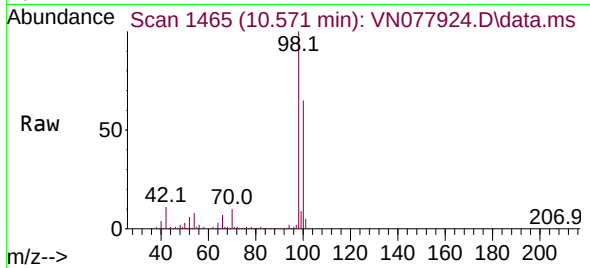




#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

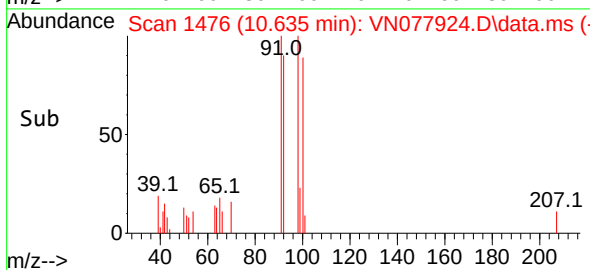
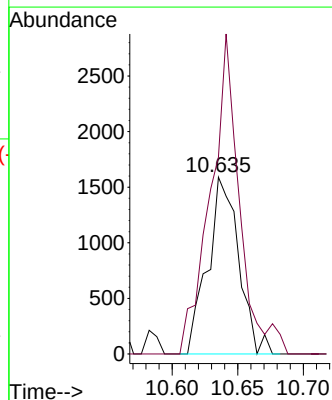
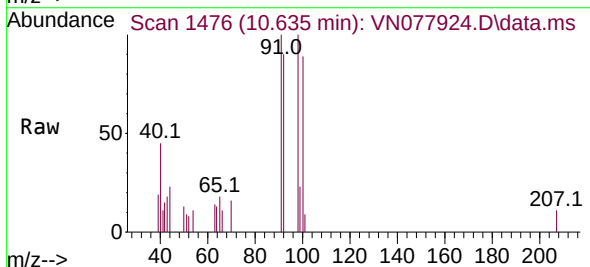
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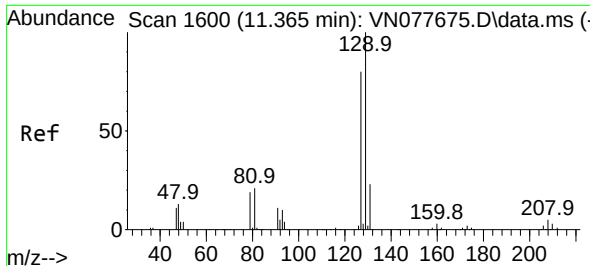
Tgt Ion: 98 Resp: 849242
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#52
Toluene
Concen: 0.212 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 92 Resp: 2610
Ion Ratio Lower Upper
92 100
91 169.0 137.4 206.0

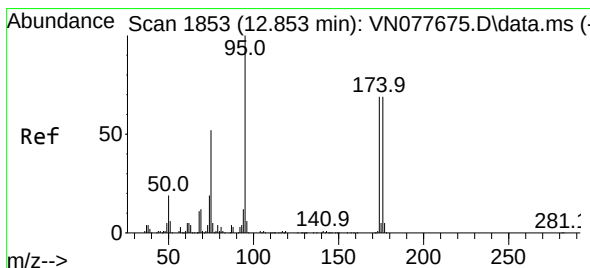
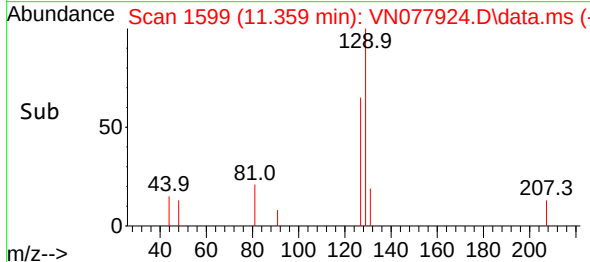
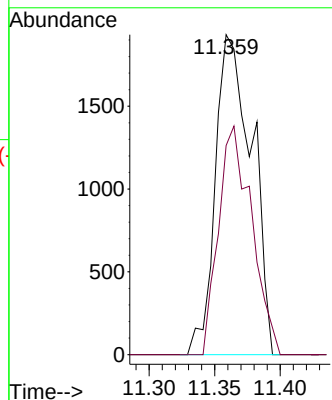
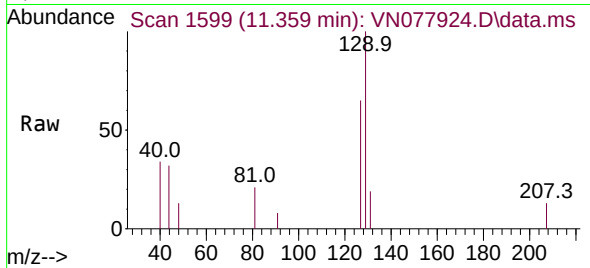




#60
Dibromochloromethane
Concen: 0.740 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

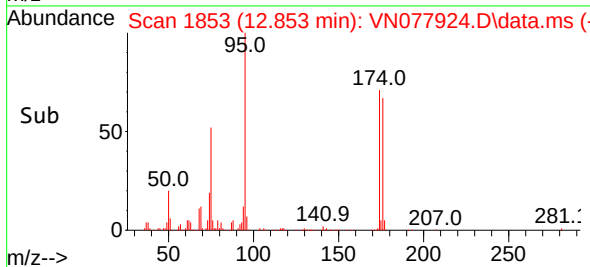
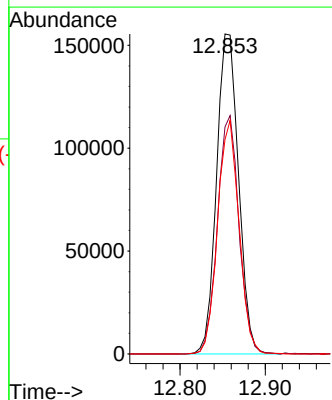
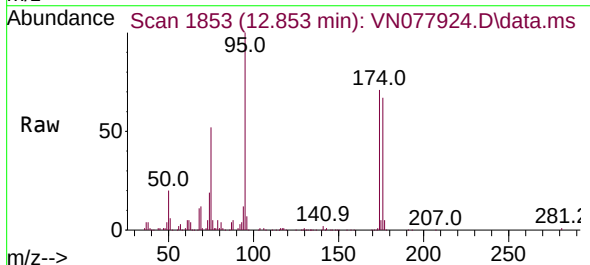
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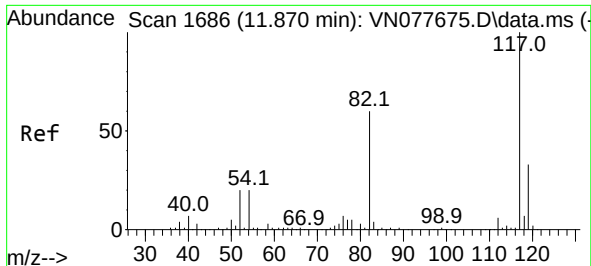
Tgt Ion:129 Resp: 3737
Ion Ratio Lower Upper
129 100
127 64.8 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 44.669 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion: 95 Resp: 278572
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.2 0.0 135.8

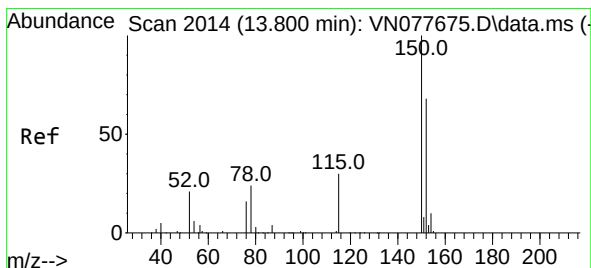
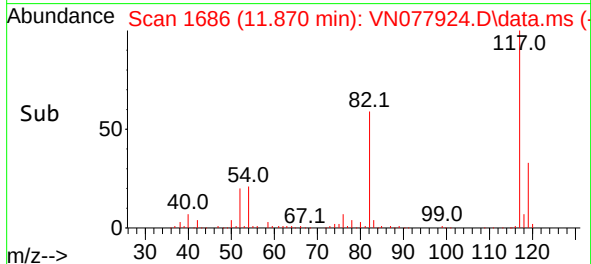
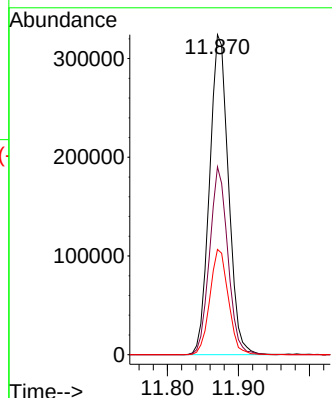
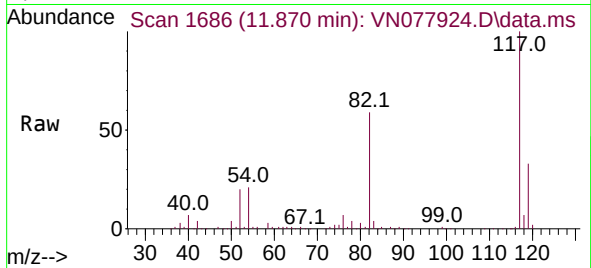




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
001-002-003-1

Tgt Ion:117 Resp: 598481
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077924.D
Acq: 26 May 2023 13:53

Tgt Ion:152 Resp: 188263
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 160.7 0.0 355.8

